

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning on page 7, line 1 with the following:

In the illustrative summaries of FIG. 2, markers P1, P2, P3, ... segment the program. An audio summary 201 is created resulting in audio summaries 0 to S3, and s# to S5. The video portion is reduced to snapshots or still pictures 203 with each still picture related to a particular program segment. The snapshot from position P2 in the program is used during the summary interval from S1 to S2. The use of still images and full motion images may be interspersed as desired. This option is illustrated in FIG. 3 where the video summaries 303, 304, 305, 306 and 307 comprise still images and full motion images of the basic programming 301. Full motion images are interspersed with still images. An audio summary component 300 is also shown.

Please replace the paragraph starting on page 7, line 9 with the following:

FIG. 4 illustrates an example of one-way video hyperlinks. A user begins by viewing a summary and selecting the link function during the summary segment 405. Control passes to the beginning of the corresponding program segment 415. When that program segment completes, control continues with the remaining program segments. Other summary segments are shown by way of illustration in FIG. 4 as segments 404, 406, 407 and 408. Further, other program segments are also illustrated as program segments 414, 416, 417 and 418.

Please add the following new paragraph after page 7, line 24:

FIG. 5 further shows by way of illustration additional summary segment 504 and program segments 514, 516 and 518.

Please add the following paragraph after page 8, line 8:

FIG. 6 further illustrates segments such as summary segment 604, 606 and 608 and program segment 614.

Please replace the paragraph starting on page 11, line 6 with the following:

A viewer exercises control, in one embodiment, by interaction with a set top box (STB) or with a video summary server (VSS) by means of an interactive menu such as illustrated in the screen display 702 of FIG. 7. Here the list of summaries 704 in one example of the invention may be supplied over a channel used exclusively (i.e., an S channel) for this purpose. In the illustrative menu the view may select summaries related to the listed programs by entering the number associated with that summary in the summary id box 706 by a remote or other means. The menu 804 shown in the screen display 802 of FIG. 8 provides for summaries to recover material lost due to interrupted viewing of a program. Interrupted viewing occurs when a viewer is interrupted in his viewing (i.e. called away from the television receiver). If a viewer wishes to subsequently view a summary of missed programming content or view the current program, a selection may be entered by entering the appropriate control number in the option id box by a remote or other means. This process may be facilitated by use of a dedicated I channel.

Please replace the paragraph beginning at page 18, line 5 as follows:

If the decision of block 2021 determines that a stored summary is being transmitted, a subsequent instruction of block 2057 sets I equal to the index of the current summary segment. An inquiry is initiated to determine if the I-th program segment is stored in the STB for cable reception or in the VSS for xDSL reception. If the segment is stored, as determined by block 2059 the flow process proceeds to instruction block 2119. If the segment is not stored, an inquiry of block 2061 inquires if the program has been previously broadcast. ~~If it is not~~ the program has been previously broadcast, a dialog box #2 is transmitted to the viewer, as per box 2062, which indicates to the viewer that the program has been previously broadcast but has not been recorded. If the program was not previously broadcast, an inquiry of block 2063 inquires if it is presently being broadcast. If it is being broadcast, the instructions of block 2071 switch the viewer to that program channel and the flow returns to start. If it is not being broadcast, a query of block 2073 asks if the program is schedule for future broadcast. If it is so scheduled, a dialog box #3 is presented to the viewer, as per block 2075, so indicating that the program is scheduled for future broadcast and makes an interactive offer to record it. If the program is not schedule for future broadcast, another dialog box #4 is presented to the viewer, as per box 2076, indicating that the program is not recorded and is not schedule for future broadcast. In both previous instances, the flow returns to start. The program schedule 1002 in FIG. 10 is used to obtain the information about the schedule of a particular program. This information includes the unique ids that identify the program and its summaries.

Please replace the paragraph starting on page 21, line 8 with the following paragraph:

A unique feature of the process is the allowance of summary generation during actual live event programming. The summarization process is schematically illustrated in the FIG. 13 and involves the active monitoring of the program by an editor 1306. The editor 1306 may be a live person or an apparatus programmed to perform the editing process. As shown, the Live program 1300 is recorded by camera and microphone 1301 and cast into a form (i.e., digital television signal) suitable for transmission by modulation and broadcast equipment 1302. The program is transmitted by a program channel, via a POP, to an STB or VSS 1303 for application to a television receiver 1304.